

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110723\
 Data File : BP017945.D
 Acq On : 08 Nov 2023 03:20
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020659

Quant Time: Nov 08 03:53:55 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 07 03:40:56 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/09/2023
 Supervised By :mohammad ahmed 11/11/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.858	152	106346	20.000	ng/u1	0.00
20) Naphthalene-d8	10.669	136	453445	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.516	164	288534	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.292	188	628509	20.000	ng/u1	0.00
79) Chrysene-d12	21.410	240	571285	20.000	ng/u1	0.00
88) Perylene-d12	23.892	264	607923	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	21810	7.849	ng/uL	0.00
4) Pyridine-d5	3.675	84	146054	18.940	ng/u1	0.00
7) Phenol-d5	7.022	99	187544	18.806	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.205	67	120830	20.086	ng/u1	0.00
11) 2-Chlorophenol-d4	7.375	132	149360	19.491	ng/u1	-0.01
15) 4-Methylphenol-d8	8.575	113	157616	19.122	ng/u1	0.00
21) Nitrobenzene-d5	9.057	128	75691	20.888	ng/u1	0.00
24) 2-Nitrophenol-d4	9.769	143	87844	21.047	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.293	165	157556	20.592	ng/u1	0.00
31) 4-Chloroaniline-d4	10.846	131	213629	19.267	ng/u1	0.00
46) Dimethylphthalate-d6	13.940	166	489475	19.347	ng/u1	0.00
49) Acenaphthylene-d8	14.216	160	543187	19.566	ng/u1	0.00
54) 4-Nitrophenol-d4	14.769	143	68877	17.706	ng/u1	0.00
60) Fluorene-d10	15.516	176	405481	19.148	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.669	200	79834	17.369	ng/u1	0.00
73) Anthracene-d10	17.392	188	630768	19.302	ng/u1	0.00
81) Pyrene-d10	19.639	212	732259	20.192	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.727	264	663305	19.527	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.281	88	22917	7.553	ng/uL	96
5) Pyridine	3.699	79	153673	19.167	ng/u1	99
6) Benzaldehyde	7.022	77	122889	22.155	ng/u1	95
8) Phenol	7.052	94	184938	18.851	ng/u1	94
10) Bis(2-Chloroethyl)ether	7.299	93	155399	19.778	ng/u1	96
12) 2-Chlorophenol	7.411	128	152875	20.088	ng/u1	99
13) 2-Methylphenol	8.305	108	143524	19.030	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.369	45	186418m	20.608	ng/u1	
16) Acetophenone	8.710	105	252452	19.085	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.675	70	136601	19.732	ng/u1	99
18) 4-Methylphenol	8.640	108	156863	19.334	ng/u1	94
19) Hexachloroethane	8.910	117	74868	19.694	ng/u1	94
22) Nitrobenzene	9.105	77	211934	21.444	ng/u1	97
23) Isophorone	9.610	82	372933	20.750	ng/u1	99
25) 2-Nitrophenol	9.805	139	90974	21.062	ng/u1	97
26) 2,4-Dimethylphenol	9.846	107	191247	20.965	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.099	93	215390	21.787	ng/u1	98
29) 2,4-Dichlorophenol	10.322	162	149382	20.188	ng/u1	91
30) Naphthalene	10.722	128	511051	19.419	ng/u1	99
32) 4-Chloroaniline	10.869	127	200165	18.797	ng/u1	99
33) Hexachlorobutadiene	10.940	225	107978	17.538	ng/u1	96
34) Caprolactam	11.704	113	44982m	19.074	ng/u1	
35) 4-Chloro-3-methylphenol	11.981	107	172021	20.081	ng/u1	96
36) 2-Methylnaphthalene	12.334	142	351608	19.580	ng/u1	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110723\
 Data File : BP017945.D
 Acq On : 08 Nov 2023 03:20
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020659

Quant Time: Nov 08 03:53:55 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 07 03:40:56 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/09/2023
 Supervised By :mohammad ahmed 11/11/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.551	142	359126	19.358	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.687	216	184530	18.463	ng/ul	98
40) Hexachlorocyclopentadiene	12.622	237	84308	15.840	ng/ul	96
41) 2,4,6-Trichlorophenol	12.946	196	123436	19.536	ng/ul	94
42) 2,4,5-Trichlorophenol	13.028	196	131239	20.171	ng/ul	99
43) 1,1'-Biphenyl	13.351	154	469119	19.937	ng/ul	98
44) 2-Chloronaphthalene	13.398	162	373415	19.921	ng/ul	97
45) 2-Nitroaniline	13.651	65	120898	21.540	ng/ul	98
47) Dimethylphthalate	13.987	163	486903	19.515	ng/ul	100
48) 2,6-Dinitrotoluene	14.140	165	97239	19.636	ng/ul	96
50) Acenaphthylene	14.245	152	618775	19.914	ng/ul	99
51) 3-Nitroaniline	14.487	138	94701	20.301	ng/ul	92
52) Acenaphthene	14.581	153	407895	19.807	ng/ul	98
53) 2,4-Dinitrophenol	14.698	184	41558	14.257	ng/ul	90
55) 4-Nitrophenol	14.781	109	92935	18.414	ng/ul	91
56) Dibenzofuran	14.922	168	558268	19.625	ng/ul	97
57) 2,4-Dinitrotoluene	14.934	165	143139	19.342	ng/ul#	94
58) 2,3,4,6-Tetrachlorophenol	15.145	232	111448	18.381	ng/ul	92
59) Diethylphthalate	15.340	149	509202	19.587	ng/ul	100
61) Fluorene	15.575	166	463792	19.256	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.563	204	229075	18.378	ng/ul	97
63) 4-Nitroaniline	15.657	138	90737	20.561	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.681	198	83331	17.355	ng/ul	91
67) N-Nitrosodiphenylamine	15.798	169	387128	20.013	ng/ul	99
68) 4-Bromophenyl-phenylether	16.469	248	133408	18.026	ng/ul#	91
69) Hexachlorobenzene	16.551	284	146307	17.223	ng/ul#	88
70) Atrazine	16.751	200	138558	18.755	ng/ul	99
71) Pentachlorophenol	16.922	266	86010	16.669	ng/ul	95
72) Phenanthrene	17.334	178	718612	19.445	ng/ul	99
74) Anthracene	17.428	178	737410	19.630	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.304	216	189796	19.269	ng/ul	98
76) Pentachlorobenzene	14.810	250	180110	18.324	ng/ul	96
77) Carbazole	17.722	167	649549	19.391	ng/ul	98
78) Di-n-butylphthalate	18.228	149	859289	20.616	ng/ul	99
80) Fluoranthene	19.310	202	844342	19.950	ng/ul#	97
82) Pyrene	19.669	202	883577	20.016	ng/ul	99
83) Butylbenzylphthalate	20.533	149	401138	20.654	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.339	252	259563	18.176	ng/ul#	97
85) Benzo(a)anthracene	21.392	228	874382	19.874	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.275	149	564471	20.071	ng/ul	100
87) Chrysene	21.451	228	805764	19.750	ng/ul	99
89) Di-n-octyl phthalate	22.221	149	969130	18.875	ng/ul	100
90) Benzo(b)fluoranthene	23.121	252	826906	19.707	ng/ul	99
91) Benzo(k)fluoranthene	23.169	252	824442	19.594	ng/ul	100
93) Benzo(a)pyrene	23.780	252	770113	19.744	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.515	276	898497	19.340	ng/ul	98
95) Dibenzo(a,h)anthracene	26.545	278	743354	19.235	ng/ul	99
96) Benzo(g,h,i)perylene	27.345	276	718384	19.423	ng/ul	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

